

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number EP 14 84 2255

	DOCUMENTS CONSIDE					
Category	Citation of document with indi of relevant passage		Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)		
X		MY OF SCIENCES, US, 3-01), pages 08, : 103	1,2,4-17	C07K16/00		
Х	WO 2012/125559 A1 (J. [US]; ALMAGRO JUAN C. GLENN MAR) 20 Septem * page 58; claim 31	ARLOS [US]; ANDERSON ber 2012 (2012-09-20)	1,2,4-17			
Х	WO 2008/137382 A1 (C ANDERSON GLENN M [US] [US]) 13 November 20 * claims 1, 6 *]; SCALLON BĒRNĀRD	1,2,4-17	TECHNICAL FIELDS		
	the enhanced antibod cytotoxicity (ADCC) non-fucosylated there human blood", BMC CANCER, BIOMED C vol. 9, no. 1, 18 February 2009 (200 XP021049068, ISSN: 1471-2407, DOI 10.1186/1471-2407-9-1 * the whole document	y-dependent cellular efficacy of apeutic antibodies in ENTRAL, LONDON, GB, 09-02-18), page 58, : 58 */	1,2,4-17	OF A DOLLED (IDC)		
	Place of search	Date of completion of the search		Examiner		
	Munich	3 April 2017	Lec	hner, Oskar		
X : parti Y : parti docu A : tech	ATEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with another ment of the same category nological background	L : document cited fo	ument, but publis the application r other reasons	hed on, or		
O : non-written disclosure P : intermediate document			& : member of the same patent family, corresponding document			



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number EP 14 84 2255

Category	Citation of document with indication	on, where appropriate,	Relevant	CLASSIFICATION OF THE	
A	TSUNEHIRO MIZUSHIMA ET basis for improved effi antibodies on defucosyl glycans", GENES TO CELLS, WILEY-ELTD, GB, vol. 16, no. 11, 1 November 2011 (2011-1 1071-1080, XP002696787, ISSN: 1356-9597, DOI: 10.1111/J.1365-2443.201* the whole document *	AL: "Structural cacy of therapeutic ation of their Fc LACKWELL PUBLISHING 1-01), pages	Helevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
				TECHNICAL FIELDS SEARCHED (IPC)	
The sup set of cla	plementary search report has been aims valid and available at the start Place of search Munich	based on the last of the search. Date of completion of the search 3 April 2017	Leci	Examiner nner, Oskar	
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document		T : theory or principle E : earlier patent doc after the filing date D : document cited in L : document cited fo	T: theory or principle underlying the E: earlier patent document, but publi after the filing date D: document cited in the application L: document cited for other reasons		



CLAIMS INCURRING FEES
The present European patent application comprised at the time of filing claims for which payment was due.
Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):
No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.
LACK OF UNITY OF INVENTION
The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:
see sheet B
All further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for all claims.
As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
Only part of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims:
1, 2, 4-17(all partially)



LACK OF UNITY OF INVENTION SHEET B

Application Number

EP 14 84 2255

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1, 2, 4-17(all partially)

An Fc-containing molecule comprising one amino acid substitutions within the Fc, wherein said Fc comprises a substitution at position 239 (excluding the subject matter of other inventions)

2. claims: 1, 2, 4-17(all partially)

An Fc-containing molecule comprising one amino acid substitutions within the Fc, wherein said Fc comprises a substitution at position 241 (excluding the subject matter of other inventions)

3. claims: 1, 2, 4-17(all partially)

An Fc-containing molecule comprising one amino acid substitutions within the Fc, wherein said Fc comprises a substitution at position 262 (excluding the subject matter of other inventions)

4. claims: 1, 2, 4-17(all partially)

An Fc-containing molecule comprising one amino acid substitutions within the Fc, wherein said Fc comprises a substitution at position 264 (excluding the subject matter of other inventions)

5. claims: 1, 2, 4-17(all partially)

An Fc-containing molecule comprising one amino acid substitutions within the Fc, wherein said Fc comprises a substitution at position 265 (excluding the subject matter of other inventions)

6. claims: 1, 2, 4-17(all partially)

An Fc-containing molecule comprising one amino acid substitutions within the Fc, wherein said Fc comprises a substitution at position 296 (excluding the subject matter of other inventions)

7. claims: 1, 2, 4-17(all partially)

An Fc-containing molecule comprising one amino acid

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LACK OF UNITY OF INVENTION SHEET B

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

substitutions within the Fc, wherein said Fc comprises a substitution at position 301 (excluding the subject matter of other inventions)

8. claims: 1, 3-17(all partially)

An Fc-containing molecule comprising amino acid substitutions within the Fc, wherein said Fc comprises a substitution at position 239 and at 264 (excluding the subject matter of other inventions)

9. claims: 1, 3-17(all partially)

An Fc-containing molecule comprising amino acid substitutions within the Fc, wherein said Fc comprises a substitution at position 239 and at 265 (excluding the subject matter of other inventions)

10. claims: 1, 3-17(all partially)

An Fc-containing molecule comprising amino acid substitutions within the Fc, wherein said Fc comprises a substitution at position 264 and at 296 (excluding the subject matter of other inventions)

11. claims: 1, 3-17(all partially)

An Fc-containing molecule comprising amino acid substitutions within the Fc, wherein said Fc comprises a substitution at position 264 and at 265 (excluding the subject matter of other inventions).

12. claims: 1, 3-17(all partially)

An Fc-containing molecule comprising amino acid substitutions within the Fc, wherein said Fc comprises a substitution at position 239 and at 264.

13. claims: 1-17(partially)

Other claimed inventions not covered by inventions 1-12. In case the applicant selects this invention, he is invited to specify the exact nature of said invention(s). In case of payment for this invention without providing details on the (claimed!) subject matter to be searched a no-search will



LACK OF UNITY OF INVENTION SHEET B

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

03-04-2017

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WO 2012125559 A1	20-09-2012	AR 085910 A1 BR 112013023743 A2 CA 2829963 A1 CN 103443127 A EA 201391312 A1 EP 2686350 A1 JP 2014509856 A KR 20140019375 A SG 193325 A1 TW 201302794 A US 2012237528 A1 US 2013189250 A1 US 2014234304 A1 UY 33956 A W0 2012125559 A1 ZA 201307641 B	06-11-2013 13-12-2016 20-09-2012 11-12-2013 30-04-2014 22-01-2014 24-04-2014 14-02-2014 30-10-2013 16-01-2013 20-09-2012 25-07-2013 21-08-2014 28-09-2012 20-09-2012 20-09-2012
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